# 生物生産科学科　動物生産学コース

【著書】

1) 青山 真人、動物への配慮の科学　ーアニマルウエルフェアをめざしてー、p.89-101（恐怖と苦悩）、チクサン出版社、2009（分担翻訳）

2) 松本 浩道、福井 えみ子、吉澤 緑、Hormone Frontier in Gynecology. Vol.16 No.4. 目で見る生殖に関連したモデル動物ー着床障害モデル動物、2009（共著）

3) Sato E, Yoshizawa F, Kai O, Hanzawa K, Sato M, Kashiwazaki N, Terada F, Yasue T, Ozawa T, Koizumi S. Animal production and animal science worldwide -WAAP book of the year 2007-, Wageningen Academic Publisher, 2009（共著）

4) 杉田 昭栄、猫を科学する、p.119-142（体の仕組み）、養賢堂、2009（分担）

5) 吉澤 史昭、佐藤 英明、日本農学 80 年史　第 31 章畜産学、養賢堂、2009（共著）

【論文】

1) Maejima Y, Aoyama M, Ookawara S, Hirao A, Sugita S. Distribution of the androgen receptor in the diencephalon and the pituitary gland in goats: Co-localisation with corticotrophin releasing hormone, arginine vasopressin and corticotrophs. The Veterinary Journal, 181, 193-199, 2009.

2) Hirao A, Aoyama M, Sugita S. The role of uropygial gland on sexual behavior in domestic chicken *Gallus gallus domesticus*. Behavioural Processes, 80, 115-120, 2009.

3) Aoyama M, Maejima Y, Suzuki T, Iigo M, Sugita S. Androgen Suppresses Corticotropin-Induced Increase in Plasma Cortisol Level but Enhances The Increase in Plasma Aldosterone Level in Goats. The Journal of Veterinary and Medical Science, 71), 281-285, 2009.※

4) Lee E, Aoyama M, Sugita S. Microstructure of the feather in Japanese Jungle Crows (*Corvus macrorhynchos*) with distinguishing gender differences. Anatomical Science International, 84, 141-147, 2009.

5) Yokosuka M, Hagiwara A, Saito TR, Tsukahara N, Aoyama M, Wakabayashi Y, Sugita S, Ichikawa M. Histological properties of the nasal cavity and olfactory bulb of the Japanese Jungle crow *Corvus macrorhynchos*. Chemical Senses, 34, 581-593, 2009.

6) Yokosuka M, Hagiwara A, Saito TR, Aoyama M, Ichikawa M, Sugita S. Morphological and histochemical study of the nasal cavity and fused olfactory bulb of the brown-eared bulbul, *Hysipetes amaurotis*. Zoological Science, 26, 713- 721, 2009.

7) Tachibana T, Cline MA, Sugahara K, Ueda H, Hiramatsu K. Central administration of somatostatin stimulates feeding behavior in chicks. General and Comparative Endocrinology, 161, 354-359, 2009.

8) Tachibana T, Sugahara K, Ueda H, Cline MA. Role of adrenergic alpha-2-receptors on feeding behavior in layer-type chicks. General and Comparative Endocrinology, 161, 407-411, 2009.

9) Yamaoka I, Doi M, Kawano Y, Nakayama M, Watanabe Y, Oba K, Sugahara K, Yoshizawa F. Insulin mediates the linkage accelelation of muscle protein synthesis, thermogenesis, and heat storage by amino acids. Biochemical and Biophysical Research Communications, 386, 252-256, 2009.

10) Kamisoyama H, Honda K, Saneyasu T, Sugahara K, Hasegawa S. Corticotropin-releasing factor is a downstream mediator of the beta-melanocyte-stimulating hormone-induced anorexigenic pathway in chicks. Neuroscience Letters, 458, 102-105, 2009.

11) Yoshizawa F, Mochizuki S, Doi M, Yamaoka I, Sugahara K. Ethionine-induced ATP depletion represses mTOR signaling in the absence of Increases in AMP-activated protein kinase activity in the rat liver. Bioscience, Biotechnology and Biochemistry, 73, 1984-1988, 2009.

12) Kurose Y, Kamisoyama H, Honda K, Azuma Y, Sugahara K, Hasegawa S, Kobayashi S. Effects of central administration of glucagon on feed intake and endocrine responses in sheep. Animal Science Journal, 80, 686-690, 2009.

13) 市瀬 瑞樹、杉田 昭栄、長尾 慶和、EDTA 静脈内投与により低カルシウム状態に誘導したヒツジにおけるカルシウムおよび骨代謝マーカーの状態、Animal Behaviour and Manegement、45, 1-8, 2009※

14) 紅 海、福井 えみ子、長谷川 晃久、松本 浩道、向山 明孝、吉澤　緑、モンゴルウマにおける成長ホルモン遺伝子の塩基配列および多型解析, 日本畜産学会報, 80, 1-6, 2009

15) 靏巻 千秋、三井 秋徳、松本 浩道、福井 えみ子、吉澤 緑、マウス円形精子細胞卵子内注入法(Round spermatid injection; ROSI)における卵子活性化処理と胚の細胞遺伝学的正常性の検討, Journal of mammalian ova research, 26, 86-93, 2009

16) Sano C, Matsumoto A, Sato E, Fukui E, Yoshizawa M, Matsumoto H. Establishment of rat embryonic stem-like cells from the morula using a combination of feeder layers. Zygote, 17, 229-237, 2009.

17) Igarashi T, Tajiri Y, Sakurai M, Sato E, Li D, Mukai K, Suematsu M, Fukui E, Yoshizawa M, Matsumoto H. Tubulointerstitial nephritis antigen-like 1 is expressed in extraembryonic tissues and interacts with laminin 1 in the rechert membrane at postimplantation in the mouse. Biology of Reproduction, 81, 948-955, 2009.

18) Miyake Y, Sakurai M, Tanaka S, Tunjung WA, Yokoo M, Matsumoto H, Aso H, Yamaguchi T, Sato E. Expression of hyaluronan synthase 1 and distribution of hyaluronan during follicular atresia in pig ovaries. Biology of Reproduction, 80, 279-257, 2009.

19) Rezaeian AH, Isokane T, Nishibori M, Chiba M, Hiraiwa N, Yoshizawa M, Yasue H. αCGRP and βCGRP Transcript Amount in Mouse Tissues of Various Developmental Stages and Their Tissue Expression Sites. Brain and Development, 31, 682-693, 2009.

20) Rezaeian AH, Nishibori M, Hiraiwa N, Yoshizawa M, Yasue H. Expression Profile and Localization of Mouse *Calcitonin* (CT) Sense/Antisense Transcripts in Pre- and Postnatal Tissue Development. The Journal of Veterinary and Medical Science, 71, 561-568, 2009.

21) Mitsui A, Yoshizawa M, Fukui E, Matsumoto H. Improvement of embryonic development and

production of offspring by transferring meiosis-II chromosomes of senescent mouse oocytes into cytoplasts of young mouse oocytes. Journal of Assisted Reproduction and Genetics, 26, 35–39, 2009.

22) Rahman ML, Aoyama M, Sugita S. Regional specialization of the Ganglion cell density in the retina of the Ostrich (Struthio camelus). Animal Science Journal. 81, 108-115, 2009.

23) Lee E, Tanaka T, Wakamatsu K ,Sugita S. Melanin-based iridescent color in Jungle Crows. The Journal of Veterinary Medical Science. 71, 1261-1263, 2009.

24) Tukahara N, Kamada N, Nagasawa M, Sugita S. Bilateral innervation of Syringel muscle by the hypoglossal nucleus in the jungle crow *(Corves macrorthycchos)*. Journal of Anatomy, 215, 141-149, 2009.

【報告書他】

1) Matsumoto H, Fukui E, Yoshizawa M. Differential interactions between embryo and uterus during implantation in laboratory animals. Journal of Mammalian Ova Research, 26, 111-115, 2009.

2) 吉澤 史昭、生体調節因子として新たに注目される分岐鎖アミノ酸、バイオサイエンスとインダストリー, 67, 238-244, 2009

3) 杉田 昭栄、カラスに個性はあるのか？ ―学習能力から考える―、Animal Behaviour and Management、45、97-99、2009

4) 青山 真人、沼野井 憲一、塚原 均、渡邊 哲夫. ミネラル給与によるブタの問題行動、特に尾かじりの防止とその生理的メカニズムに関する研究、公益財団法人ソルト・サイエンス研究財団 平成 20 年度助成研究報告書 I 理工学 農学・生物学編、p227-235. 2009.